AKASH M KANGULE

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EDUCATION

Machine Learning and Data Science course| Skillo-Villa |
- Training in Data Science, Machine learning, Python, SQL, Deep Learning.

Hi-tech Institute of Technology | Aurangabad, Maharashtra.
B.Tech - CSE (AI & ML) | Pursuing(3rd Year)

Hi-tech Institute of Technology | Aurangabad, Maharashtra.
Diploma - Mechanical Engg. | 2019 |
Marks – 69.53%

Late. Bhairomal Tanwani VidyaMandir | Aurangabad, Maharashtra.
SSC | 2016 |
Marks – 85.20%

TECHNICAL SKILLS:

- Programming Languages:
  - Proficient: Python, SQL
- Libraries:
  - Numpy, Pandas, Matplotlib,
- Seaborn

Data Science:
- Machine Learning,
- Deep Learning,
- Hypothesis testing,

- Database:
  MySQL, Oracle, Postgresql
- Operating systems: Windows

SOFT SKILLS:

- Exceptional strategic and analytical thinking
- analytical and problem solving skills
- Team collaboration

EXPERIENCE

Post - Line Engineer |
Bajaj Auto Ltd· (Pune, Chakan) |
Full-time | From - Aug 2019 to May 2022 | 2 yrs & 10 mos.

- Managed the Assembly line operations for (Pulsar-150,220| NS – Pulsar 160,200| RS-Pulsar 200 | Dominar- 250,400).
- Oversaw the production process to ensure efficiency, quality, and safety standards were met.
- Implemented continuous improvement initiatives to enhance productivity and reduce waste.
- Participated in new product launches and line setup activities, ensuring smooth transitions and efficient production ramp-up.

CERTIFICATE

- SQL: Data Reporting and Analysis (Skillo-Villa)
- Advance Python (Skillo-Villa)
- Machine Learning with Python (Skillo-Villa)
- Deep learning (Skillo-Villa)

PROJECTS

Cardiovascular Disease Prediction:
- Implemented neural networks to predict cardiovascular disease based on patient data.
- Successfully created a binary classification system for predicting cardiovascular disease presence.
- Provided insights into optimizing neural network architectures for medical diagnosis applications.

Prediction of Insurance Prices:
- Investigated machine learning approaches for predicting healthcare insurance costs in the healthcare industry .
- Provided guidance on selecting appropriate machine learning methods for effective cost prediction systems.

Keyword Detection on Websites:
- Developed an algorithm to identify mentions of cancer tumor boards within HTML pages.
- Achieved robust model performance with accuracy of 85% by using Python, pandas, scikit-learn.

Predicting Flight Delays Using Machine Learning:
- Developed a predictive model to anticipate flight delays using a dataset of airline and airport information.
- Successfully implemented a machine learning solution that accurately predicts flight delays, demonstrating proficiency in data analysis, modeling, and problem-solving.